Public Works (1897) Department.

G.O., No. 942-39

DATED 21. October 1897

10/11 ...
30 ...
3/2 ...

[Despatch Abstract.]

Irrigation Sluice; Revised estimate of Rs. 1930 for constructing an — at 3 miles 3 fur of the IX Branch channel Periyar Project and for excavating distributary and field channels from the same sanctioned and a copy of the Pro: ordered to be forwarded to the Govt of India.

Irrigation Sluice. Forwarding copy of Pro: sanctioning a revised estimate of Rs. 1930 for constructing an — at 3 miles 3 fur of the IX Branch Channel Periyar Project and for excavating distributary and field channels from the same.

P.W. 26.
(500—30-11-96.)

Indexed.

Fed 22/10/97

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

IRRIGATION.
ACCOUNT.

Government (1897) of Madras.

PUBLIC WORKS.

Recd. } 1897. *Enclosures*

Regd. *Spare copies*

G.O., Nos. 942, 943 I., 21st October 1897.

OCTOBER.

Irrigation Sluice

Forwarding copy of proceedings sanctioning a revised estimate of Rs. 1,930 for constructing an — at 3 miles 3 furlongs of the IX branch channel, Periyár project, and for excavating distributary and field channels from the same.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

Read—the following papers :—

From Lieutenant-Colonel O. V. BODDY, R.E., Superintending Engineer, VI Circle, to the Chief Engineer for Irrigation, dated Trichinopoly, 27th September 1897, No. 1365 M.D.

I have the honour to inform you that an estimate, amounting to Rs. 1,210, was sanctioned by this office in 1896–97 under register No. 115 for constructing an irrigation sluice at 3 miles 3 furlongs in the IX branch channel and for excavating distributary and field channels from the same. The Executive Engineer has now forwarded a revised estimate amounting to Rs. 1,585, and states that the cause for revision is that soft rock and hard gravel was met with in the line of the distributary and that the field channels run on gravelly soil, thus necessitating a revision of the rates according to the description of soil met with. The excess in consequence is Rs. 375 and the revised estimate is herewith forwarded with recommendation for its sanction.

Enclosure.

Report to accompany the revised estimate for constructing proposed sluice at 3 miles 3 furlongs, IX branch channel, and excavating distributary and field channels from the same.

	RS.
Amount of revised estimate	1,585
Do. original do.	1,210

The main necessity for revising the estimate is due to the fact that the main field channel below drop No. I and the two field channels from the side sluices besides being important, each irrigating nearly 200 acres, runs on gravelly soil, and as no contractor could be found willing to do the work at the sanctioned rates, the works were paid for on actual measurements.

Further increased rates were paid for earthwork in distributary channel as hard gravel and soft rock was met with.

(Signed) A. V. RAMALINGA AIYAR,
Asst. Engineer, Madura Sub-Division.

(Signed) T. W. S. SMYTH,
Ex. Engineer, Special Periyár Works.

10th September 1897.

No. 209 I.

Note by the Chief Engineer for Irrigation.

In 1896–97, an estimate of Rs. 1,210 was sanctioned by the Superintending Engineer, VI Circle, for constructing an irrigation sluice at 3 miles 3 furlongs in the IX branch channel, Periyár project, and for excavating distributary and field channels from the same. It is now reported that soft rock and hard gravel were met with in the line of the distributary and that the field channels run on gravelly soil, thus necessitating a revision of the sanctioned rates, which results in an excess of Rs. 375 over the sanctioned estimate.

2. The Superintending Engineer, accordingly, submits for sanction a revised estimate of Rs. 1,585 for the work. About 600 acres of land will be irrigated by these field channels. The work may be classed as "remunerative."

(Signed) W. HUGHES,
12th October 1897. Chief Engineer for Irrigation.

Order—No. 942 I., dated 21st October 1897.

The following revised estimate is sanctioned in supersession of the estimate of Rs. 1,210 sanctioned by the Superintending Engineer, VI Circle:—

Capital expenditure not charged to Revenue.
49. Irrigation.
Periyár project.
Open Capital Account.
I. Works.
3. Distributaries.
IX Branch channel.
Remunerative Work.
Constructing an irrigation sluice at 3 miles 3 furlongs and excavating distributary and field channels from the same.

	RS.	RS.
2. Land—		
(1) Compensation for land	90	
		90
3. Work—		
(2) Constructing 1 6-feet drop	260	
(3) Do. 2 sluices above 6-feet drop	110	
(4) Do. 1 sluice and drop combined	430	
		800
4. Earthwork—		
(5) Excavation of distributary and field channels	695	
		695
I. Works		1,585
II. Establishment ...		344
III. Tools and plant ...		1
Total ...		1,930

2. This sanction is registered as No. 100 I. of 1897–98 and will expire on the 31st March 1899.

3. Ordered that a copy of these proceedings be forwarded for the information of the Government of India.

[Here enter No. 943 I., dated 21st October 1897.]

(True Extract.)

(Signed) W. HUGHES,
Joint Secy. to Government,
Irrigation Branch.

To the Chief Engineer for Irrigation.
" Superintending Engineer, VI Circle.
" Examiner, Public Works Accounts.

Endorsement—No. 943 I., dated 21st October 1897.

Forwarded.

(By order.)

(Signed) W. HUGHES,
Joint Secy. to Government,
Irrigation Branch.

Exd. C. M. Thumbuswamy.

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

His Excellency the Governor.

PUBLIC WORKS DEPARTMENT,

IRRIGATION BRANCH.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the

READ the following

From the Supdg. Engineer, Sixth Circle. (H.E. No. 1365-M.D. dated 27.9.97).

No 209. J. 9/10/97

Note by the Chief Engineer for Irrig

In 1896-97, an estimate of Rs 121 was sanctioned by the Superintending Engineer, Sixth Circle, for constructing an irrigation sluice at 3 miles 3 fur. on the IXth branch channel, Periyar project, and for excavating distributary and field channels from the same. It is now reported that soft rock and hard gravel were met with in the line of the distributary and that the field channels run on gravelly soil thus necessitating a revision of the sanctioned rates, which results in an excess of Rs 375 over the sanctioned estimate.

Issue. WH 16.10.97

x vide S.E.'s letter flagged I

2. The Superintending Engineer, accordingly submits for sanction a revised estimate of Rs 1585 for the

x vide S.E.'s letter flagged I

will be irrigated by these field channels.

The work may be classed as "remunerative."

No 942 I of 21-10-97

Order thereon.

The following revised estimate is sanctioned in supersession of the estimate of Rs 1210 sanctioned by the Superg. Engineer, Sixth Circle:—

Capital Expenditure not charged to Revenue.

49. Irrigation.

Periyar project.

Open Capital Account.

I - Works.

3. Distributaries.

IXth Branch Channel.

Remunerative Work.

Constructing an irrigation sluice at 3 miles 3 fur. and excavating distributary & field channels from the same.

		Rs	Rs
2. Land -	(1) - Compensation of land	90	90.
3. Work -	(2). Constructing 1 6 feet drop	260.	
	(3) — " — 2 sluices above 6 ft drop	110.	
	(4). — " — 1 sluice & drop combined	430.	800
4 - Earthwork.	(5) - Excavation of distributary & field channels	695.	695.

I. Works - 1,585

II - Establishment 344.

III Tools & plant - 1

Total 1930.

E. I. Form No. 1—1,000—2-2-97.

2. This

2. This sanction is registered as No. 100 I. of 1897-98 and will expire on the 31st March 1899.

3. Ordered that a copy of these Proceedings be forwarded for the information of the Government of India.

Regd ... 22/10/97

7. E. D.
21/10/97

To The Chief Engr. for Irrn.
" Supg. Engineer, Sixth Circle. Sutta ; Guntur.
" Examiner, P.W. Accts.

No. 943 I/ 21-6-97

Endorsement.

Forwarded.

5/11/97

W.H.
12.10.97

7/10/97.

5/11/97

6/10/97.

Public Works (1897) Department.

CURRENT No. 10460

9412
9433

Order

From The Chief Engineer for Irrigation.

No. 2093

Dated 12-10-97

Received 20-10-97

Enclosures + 5

Spare copies

SUBJECT.

Distributary and field Channel from 3 m, 3 fur of 9th Branch Channel - Periyar Project Revised estimate of Rs 1585/ for—

BACK PAPERS.		FURTHER PAPERS.	
No.	Date.	No.	Date.

Public Works (1897) Department.

CURRENT No. 122 M.D.

Order

From

The Supg Engineer
VI Circle

No. 1365 M.D.

Dated 27 September 1897

Received

Enclosures 1.

Spare copies

SUBJECT.

Distributary & field channel from 3 m. 3 fur: 9" Branch Channel — Submitting for sanction a revised estimate of Rs 1585 for —

To C.E. & to check the revised Estimate

S.E.J.

Measurements has been (Recen) checked.

The cause of revision is due to increased rates allowed, the soil being gravel and soft rock, and no contractor could be found to do the work at the sanctioned rates. —

[illegible] 5/10/97

[illegible] 5-10-97.

Draft [illegible] & appd.

[illegible] 30/9/97 — Checked [illegible] 30/9/97 — [illegible] 30/9/97 — [illegible] 30/9/97 — [illegible] 30/9/97 — [illegible] 1/10/97

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

288

Report to accompany the revised estimate for constructing proposed Sluice @ 3 mile 3 fur 9th Branch Chl & excavating Distributary & field Chls from the same

Amount of revised estimate Rs 1585

— Do — Original Do: Rs 1210

The main necessity for revising the estimate is due to the fact that the main field Chl below Drop No I & the two field Chls from the side sluices besides being important, each irrigating nearly 200 acres, runs on gravelly soil & as no contractor could be found willing to do the work at the sanctioned rates, the works were paid for, on actual measurements.

Further increased rates were paid for earthwork in Distributary channel as hard gravel & soft rock was met with

A. V. Ramiyer
Assistant Engineer
Madura Sub Dn

F W Smyth
Executive Engineer
[illegible]
10/9/97

Superintending Engineer.
6th Circle

To
The Chief Engineer.

Sir

CHIEF ENGINEER
FOR IRRIGATION.
30 SEP 1897
No. R122 MD

Recd. 2
10 oct 07 (9)

No. 1365 M.D.

OFFICE OF THE SUPERINTENDING ENGINEER,

6TH CIRCLE,

Trichinopoly, 27 September 1897.

D/29.

18

From

Lt Col. A. V. Boddy R.E.
Superintending Engineer,
6th Circle.

To

The Chief Engineer,
for Irrigation

SIR,

ENCLOSURES.

1 Esti with re-
port, Comp: State
tea Complt.

I have the honor to inform you
that an estimate amounting to Rs 1,210 w
sanctioned by this office in 1896-97 unde
Regr. No: 115 for constructing an irrigat
sluice at 3 miles 3 furlongs in the 9th Br
Channel and for excavating Distribut
and Field Channels from the same
The Executive Engineer has now forward
a revised estimate amounting to Rs 15
and states that the cause for revis
is that soft rock and hard gravel w
met with in the line of the Distribut
and that the field channels run o
gravelly soil, thus necessitating a r
-vision of the rates according to
description of soil met with. Th
excess in consequence is Rs 375 an

the revised estimate is herewith forwarded with recommendation for its sanction.

CHIEF ENGINEER
FOR IRRIGATION.
30 SEP. 1897
No. R122 M.D.

I have the honour to be,
Sir,
Your most obedt. Servant,

O. V. Bradley Lt.Col. R.E.
Supg. Engineer, IV Circle

24/9/97

R.S.1
10460/97

No. 439 MD Supg. Engineer's office, VI Circle
Trichinopoly 22nd March 1897.
O/246

18

From
Lt. Col. C. V. Boddy R.E.
Superintending Engineer
VI Circle

To
The Chief Engineer
for Irrigation.

Sir,

Sent separately by Packet Post.

Enclosures: - 36.

Tracing Plans.
Survey.
Longitudinal Section
Masonry Drops.
Aqueduct.
Irrigation Sluice
Type pipe Sluice

Detailed & abstract Estimates
Earthwork calculation Book.
General abstract Estimate with report, tabular statement &c. complete.
Classified abstract.
Falls.
Aqueduct.
Irrigation Sluice
Earthenware pipe Sluices 12", 9" & 6" Drs.

Total.

I have the honor to forward for sanction a revised estimate amounting to Rs 24,630, for the excavation of the XI Branch Channel of the Periyar Main Canal, and for the construction of masonry works in the same.

2. The original estimate as per provision made in the Blue Book was Rs 13,160 for earthwork and 14,850 for masonry, land compensation &c., making a grand total of Rs 28,000. This amount was subse-

-quently

-quently revised to Rs 30,280 allowing Rs 13,150 for earthwork and 17,130 for ma-sonry &c - Vide G.O. No: 97 I dated 3rd February 1894. Deducting Rs 3,150 the cost for the land to be taken up and 1,530 for the regulator at the head of the channel (the estimate for which has been separately dealt with and sanctioned in G.O. No: 315 I dated 1st april 1896), the amount provided in the revised estimate and sanctioned in the G.O. referred to above for the remaining masonry works and earthwork, as shown in the body of the report attached to the estimate, is Rs 25,600 - and in supercession of these works the following works are now estimated for and they amount to Rs 24,630 of which Rs 10,000 for earthwork and 14,630 for masonry works.

12.	Falls with different drops.	Rs 8,375
23.	Pipe sluices of different size	" 1,395
2.	Masonry sluices	" 280
2.	Accommodation Bridges com-bined with Falls Nos: 4 & 7	1120
1.	Fall and Bridge	" 590
1.	Aqueduct	2,870
	Total. Rs.	14,630

2 P

3. A tabular statement is attached to the estimate which shows hydraulic details, mileages and other necessary information, in connection with the proposed works.

4. The design of the drops is similar to those proposed for the XII Branch channel and they may be adopted.

5. The rates are fair and the estimate is recommended for sanction.

I have the honor to be
Sir,
Your most obedt. Servant,

[illegible] Bowlby
Lt. Col. R.E.
Superintending Engineer
VI Circle

[illegible] 22/9/[illegible]

CHIEF ENGIN[illegible]
FOR IRRIGATION
48. hud.

P.W. E-56
4/17/97

Periar Project

3 S.P.

No. 137 E / 3.3.97

SUPG. ENGINEER'S OFFICE. No. 349 5 MAR. 1897 P.W.D. SIXTH CIRCLE.

Report to accompany Revised Estē
Eleventh Branch Channel.

This Estimate is in supersession of the following items of the revised estimate printed with G.O. No 97 I of 3rd Feb. 1894.

Nos			Rs
Nos	517	Fall	800
"	518	Four Falls	3120
"	519	Fall	760
"	520	Four Falls	3000
"	557	Road Tunnel	960
"	573	Earthwork	13150
"	623	10 Sluices	3200
"	624	Sluice	310
"	625	"	300
		Total	25600

The revised Estimate amounts to Rs 24670

The channel running along a narrow strip of land, no distributaries of Importance are required. Sufficient allowance is made in the Estimate for these works none of which are of sufficient importance to be maintained by Government.

P.T. over

The following tanks will be maintained and supplied by this Channel

√ Periamelam of Melur village
√ Menrenji ditto
Adavaandi or
√ Alagiapondiapuram of Pondinettangudi village
√ & Pondinettangudi Tank — ditto.

The total acreage expected under this channel is ~~3250~~ 3500 and the discharge provided is at the rate of 75 acres to the cubic feet per second with ordinary Full Supply depth of 2 feet.

~~for [illegible]~~ The channel will also carry a maxm depth of 3 feet for filling the above mentioned tanks

The rates provided are those at which the XIIth branch Chl. is being executed, it is impossible to reduce them & get the work done in time for next seasons cultivation.

The work has been put in hand in anticipation of sanction land having already been acquired

L W Smyth

C.E.V.
29-3-9

Public Works (1897) Department.

CURRENT No. 45.M.D.

Order

481

From

The Supg Engineer
VI Circle

No. 439 M.D.

Dated 22 March 1897

Received 25-3-97

Enclosures 36 (Sent separately)

Spare copies 39. as counted.

SUBJECT.

XV Branch channel of the Periyar main canal — Submitting a revised estimate amounting to Rs 24,630 for the excavation of the ——— and for the construction of masonry works in the same.

BACK PAPERS.

G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.

No XI. Branch chl of the Periyar main Canal.

PUBLIC WORKS DEPARTMENT,

IRRIGATION BRANCH.

No. 406 I of 28.4.97

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the

READ the following

From Supg Eng. VI Circle, No. 439 M.D. of 22 March 1897

No 96 I of 20.4.97

Submitted to Govt with a recommendation that the revised estimate forwarded by the Supg Eng. VI Circle, be sanctioned.

Order thereon.

The revised estimate of Rs 24,63. for the XI Branch channel of the Periyar Project is approved in lieu of the provision of Rs 25,600 made for the work in the comparative statement

Issue

22.4.97

printed in P.W.G. No. 97 I, d/ 3rd Feb/94.

2. The Supg Engr VI Circle will include the unexpended balance of the revised estimate on 1st April/97 in the Schedule prescribed in Code II, Chapter V, para 35, Rule III.

[signature]
14/4/97

W.H.
20.4.97

A.G.H.
21.4.97

J.E.G.
28/4/97

29/4/97

To the Chief Engr for I.
Supg Engr VI with 54 enclosures.
E.T.W.

[signature]
12/5/97

[signature]
14/4/97

Public Works (1897) Department.

CURRENT No. 4117

Order

From

The Chief Engineer for Irrigation

No. 96 I.

Dated 20.4.97

Received 26.4.97

Enclosures 56 (+18 Plans)

Spare copies

SUBJECT.

XI Branch channel of the Periyar Project — Revised Estimate of Rs 2463 for the — Submits with a recommendation that the — be sanctioned.

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.